Introducing
Micro Poke-in Wire SSL Connector

The Micro Poke-In Wire SSL connector is a low profile, printed circuit board connector specifically designed for LED lighting applications. The connector is currently available in a one position version that accepts 24 and 26 AWG solid wire only. It is less than 1/3 the height and length of our standard SMT poke-in wire one position connector that accepts 18 - 22 AWG solid wire.

The connector is designed with rounded corners to minimize shadowing. The connector is RoHS compliant and is a cost effective alternative to hand soldering wires to printed circuit boards.

KEY FEATURES

• Small size: 8.2mm (L) x 3.3mm (W) x 2.475mm (H)
• Long product lifetime: 40,000 hours
• Wire retention force: 6N
• Salt spray test qualification
• Creepage distance: 1.5mm
• High speed for SMT processes
• RoHS compliant
• Accepts 24 & 26 AWG solid wire
• Low profile flat surface allows for vacuum pick up
• High temperature material for type reflow processes
• Tape & reel packaging

APPLICATIONS

• LED channel letter lighting strips
• General illumination LED fixtures
• Architectural cove and valence lighting
• Digital signage
• LED Module
• Available for COB application
• Various non-lighting applications that require attaching flying leads to printed circuit boards

MECHANICAL

• Wire retention force: 6N Min.
• Wire Insertion Force: 8N (24 AWG)
                        6N (26 AWG)
• Operating Temperature: -25°C to 130°C

ELECTRICAL

• 250 VAC, 3A max
• 250 VDC, 3A max
• 1500 Dielectric Withstanding Voltage
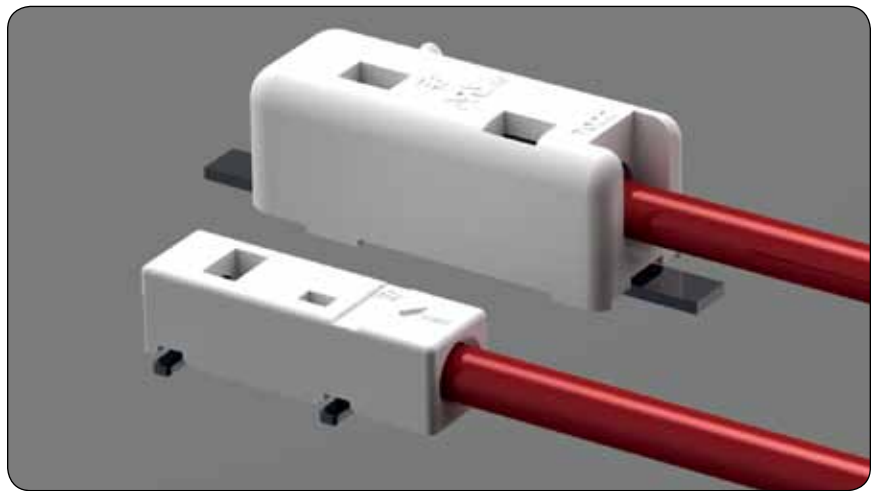
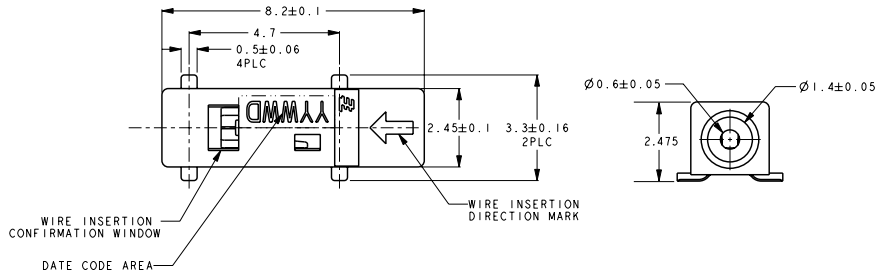Comparison of SMT micro poke-in connector to standard SMT poke-in connector.

MATERIALS

• Housing – High temperature resistant thermoplastic

• Contact – Copper Alloy, tin over Nickel plating
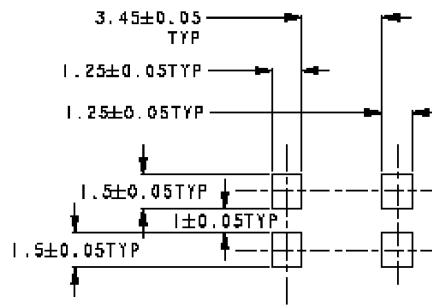
APPLICATIONS AND SPECIFICATIONS

• UL1977

• JPN DENANHO

• TE Standard Application Specification 114-5482

• TE Standard Design Objectives: 108-78810

PRODUCT OFFERING

Part No. **2134611-1**

Referential Connector placement

Referential P.C.B. layout

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